

## INFORMATION REPORT

SUBJECT      The Kirikkale Military Factories of the  
                 Makine ve Kimya Endustrisi, Anatolia.

SUPP. TO  
REPORT NO.

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THIS IS UNEVALUATED INFORMATION

1.	The following information was forwarded		This report came
		in Ankara, Turkey	

- a. "Mirikale is about 80 kilometres due west of Ankara. It is connected with the capital by road and by rail, being on the main line of the Turkish railroad system. This leads on the west to Istanbul via Ankara; to Bandirma on the Sea of Marmara via Kikisehir and Balikesir; to Izmir on the Aegean via Ayfon and Manisa. On the south to Mersin and Iskenderun on the Mediterranean via Konya or Kayseri; on the east to Kars via Erzurum; on the north to Samsun on the Black Sea; and on to Zonguldak on the Black Sea via Karabuk, where the large Turkish-owned and operated steel mills are located; and thence to Ereğli, where the largest Turkish coal mines are to be found.
- b. "As can be seen at a glance on the map of Turkey, while not directly on the sea shore it is strategically located practically in the center of Anatolia and connected by rail to the four seas surrounding the peninsula called Asia Minor.
- c. "The factories of the Makine ve Kimya at Mirikale are located on a very large rectangle covering about 400 acres and united to the main railroad by a branch permitting direct unloading and loading.
- d. "The factories were originally planned and executed by the Ministry of Defense for the manufacture of certain arms and ammunitions including 15 c.m. guns.
- e. "Their equipment came from Germany. It antedates World War II and therefore is of a very high quality which cannot be yet duplicated in Germany. However, they naturally lack some of the latest accessory machines developed in America during and after World War II.

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- f. [redacted] apex on which the steel mills are located. These mills are equipped with two sets of Siemens-Martin as well as with electric ovens with the complete equipment required to produce an average of 1,000 tons of alloyed steel per month (or from 10 to 15,000 tons per year).
- g. "Right next to these steel mills but outside the rectangle there is a cold mill plant with a production capacity of 5 to 10 tons per day of nuts, bolts and rivets-this cold mill, although perfectly equipped, has never been operated.
- h. "Near the steel mills there is a large unused piece of land which would be ideal for the installation of a large foundry.
- i. "There is a forge with two presses one of 1,500 tons and the other of 600 tons pressure power, and several small capacity presses. The forge is equipped with a heavy hammer and with all the forge tools required. It has also a laboratory, a specially equipped department for the making of springs, and a small machine shop. It has finally a heating treating department.
- j. "Behind the forge and after an adequate empty space there is located the machine shop building fully equipped with the following up to date machines:
1. Lathes, of all dimensions including large ones measuring 6 to 12 meters from point to point, turning lathes, turret lathes etc.
  2. Complete set of milling machines, shapers, radial drill presses and machine drills, bores, shearing equipment and 4 planing machines with working capacity of 6 to 11 meters.
- k. "The machine shop has also a heat treating department, a galvanizing department and a testing department all fully equipped. This last comes from the pre-war Zeiss factories.
- l. "Finally there are adequate administrative offices including a special drawing room for the engineers, located in the machine shop building.
- m. "All the above machines and installations are up-to-date and well taken care of.
- n. "Few, if any, installations could be found in Europe comparable in their present conditions to the Kirikkale factories for the war purpose they were originally planned for.
- o. "After the transfer of these factories [redacted] the Makine ve Kimya Enstitusu with a normal peace industries program, a large part of the installations has remained idle.

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- p. "Their conversion into factories for agricultural tractors with accessories with a production capacity of about 30 tractors a day (approximately 10 to 12,000 tractors a year) would require only the following additional new equipment:
1. up-to-date gear cutting machine shop
  2. combined boring machine
  3. combined drill machine
  4. oxygen-acetylene cutter for cutting heavy material
  5. machine for accurate stretching of steel rods into straight pins
  6. such other rectifier specialties and accessory equipment as would be needed for the manufacturing of the type of tractors selected.
- q. "It is to be noted that plenty of space is available right on the outside of the rectangle for the building up of foundries for malleable pig and for pig iron as well as a shop for the manufacturing, through the heat process, of bolts, nuts and rivets.

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